

APPROVED BY DRAFTSMAN	O.G. FIG.	
	CLASS/SUBCLASS	

FIG. 1A.

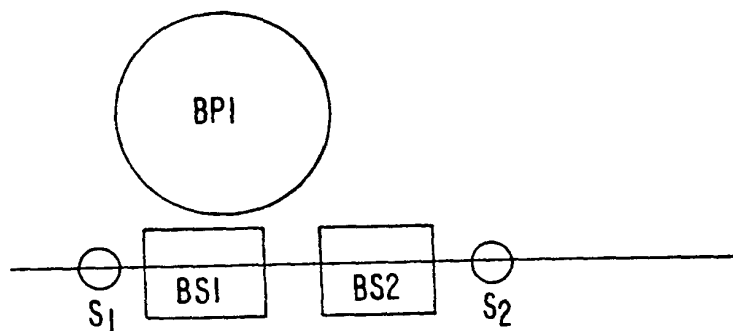
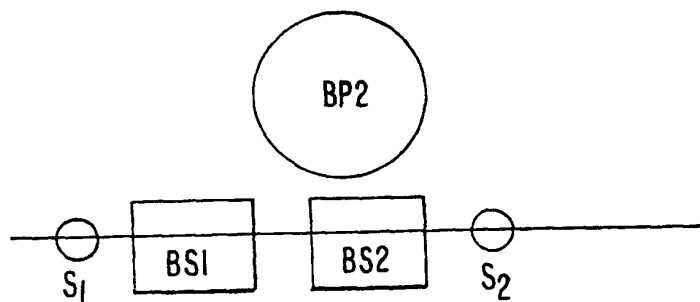


FIG. 1B.



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APPROVED BY DRAFTSMAN	O.G. FIG.
	CLASS/SUBCLASS

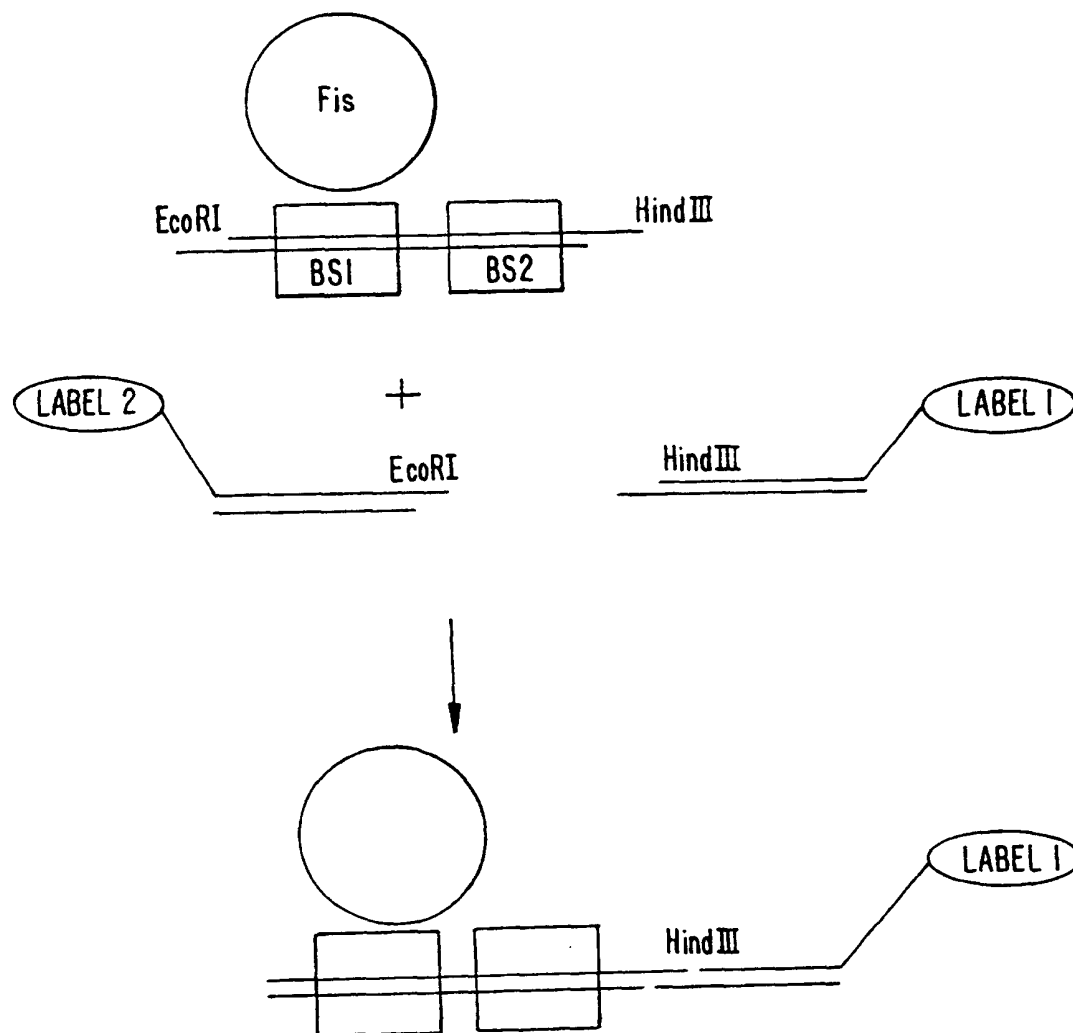


FIG. 2.

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APPROVED	FIG.	CLASS	SUBCLASS
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GATE A (NOR)

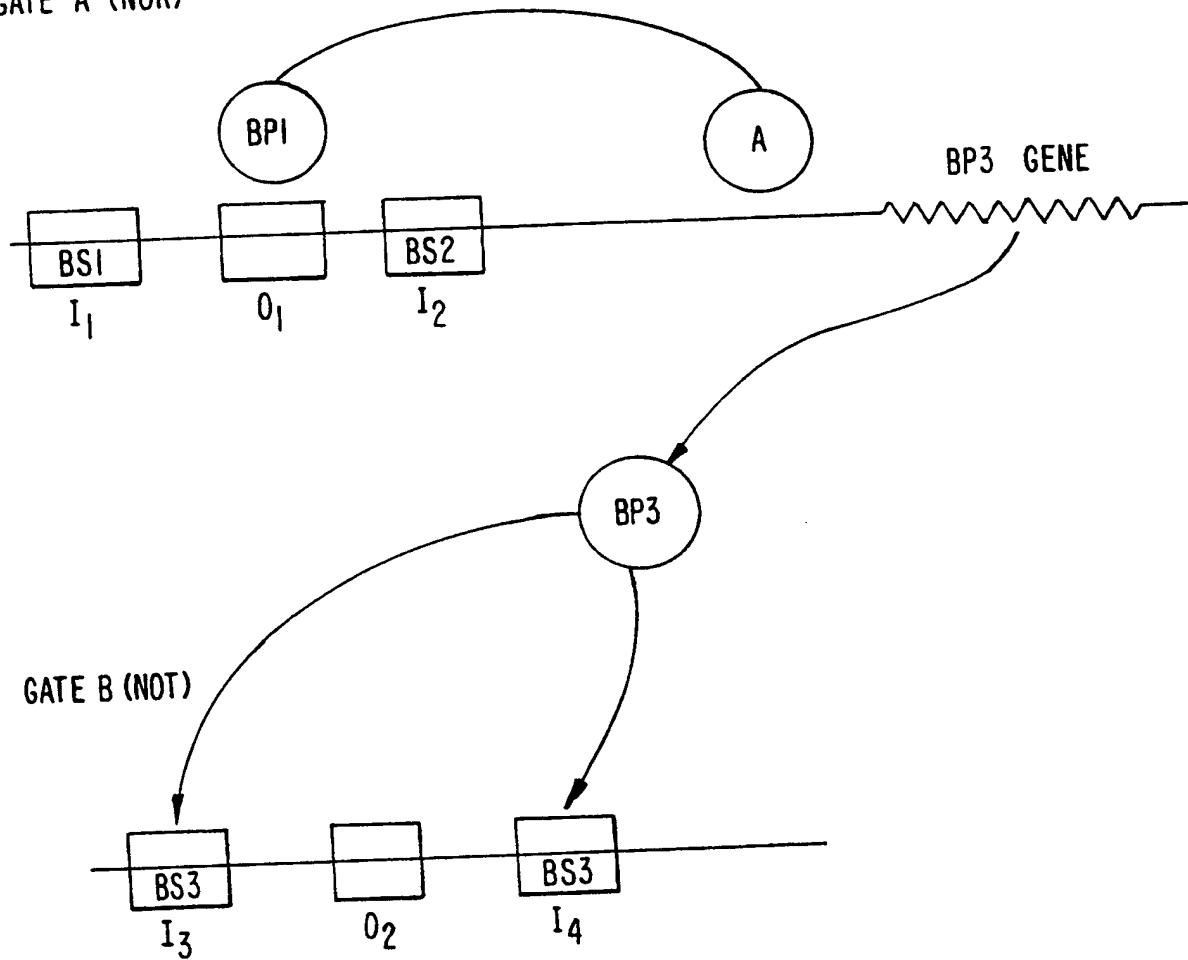
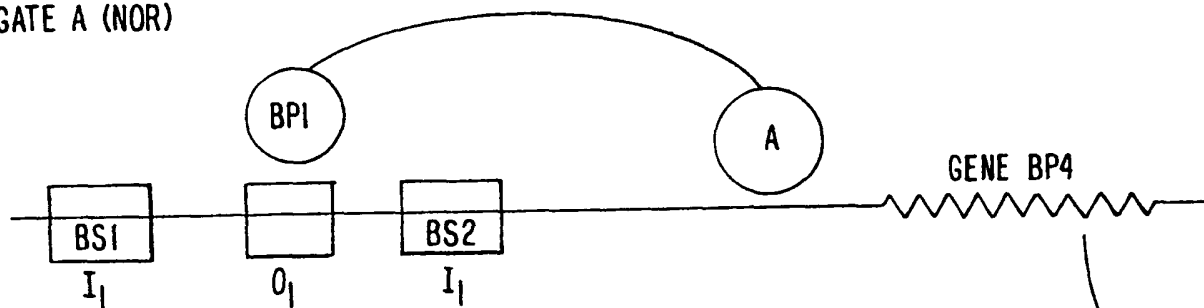


FIG. 3.

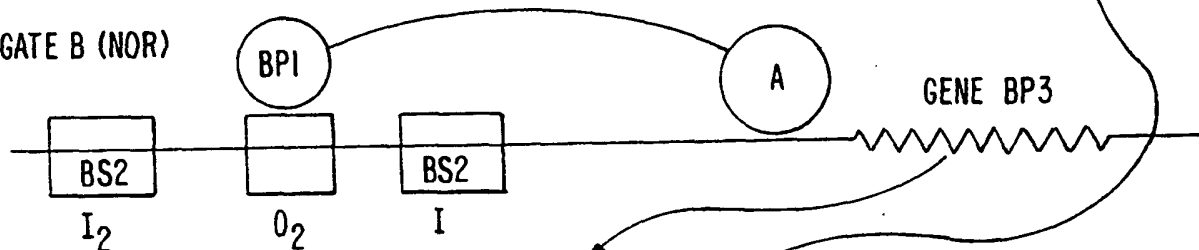
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APPROVED	Q.G. FIG
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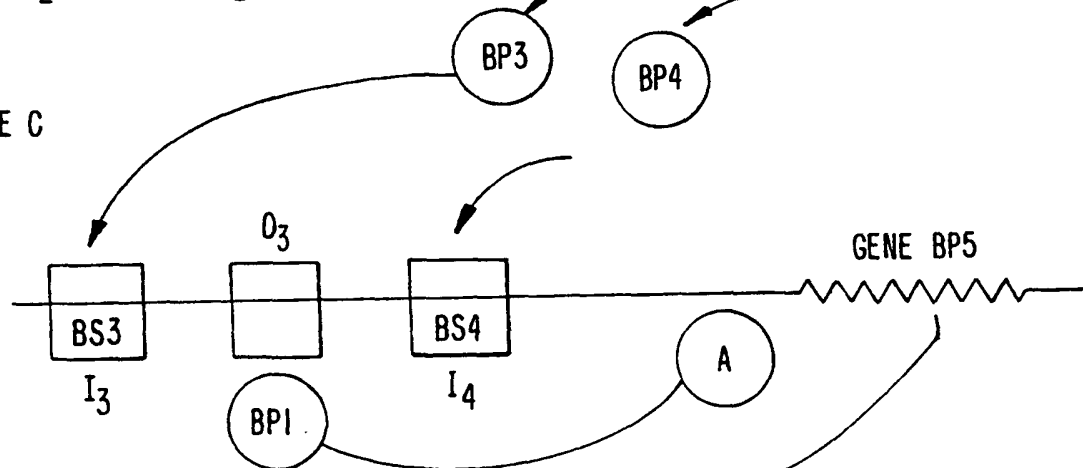
GATE A (NOR)



GATE B (NOR)



GATE C



GATE D

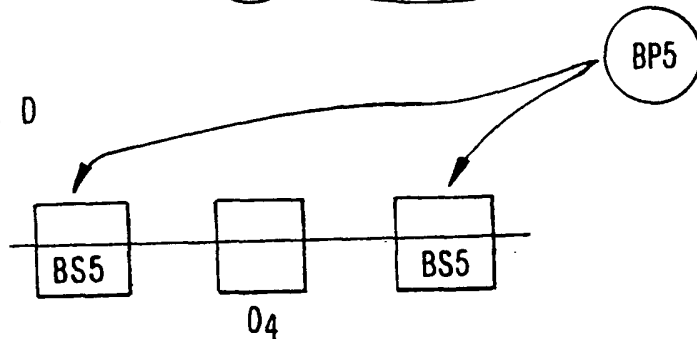


FIG. 4.

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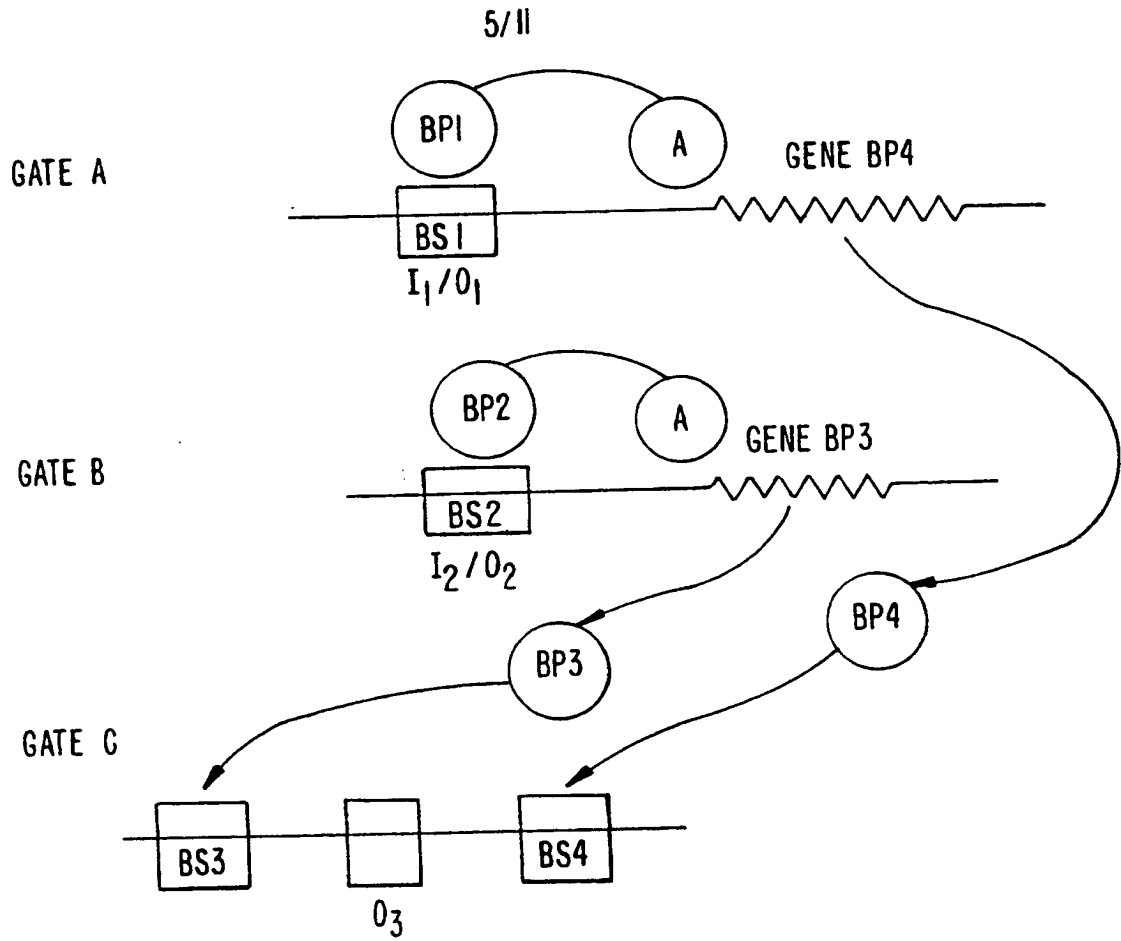


FIG. 5A.

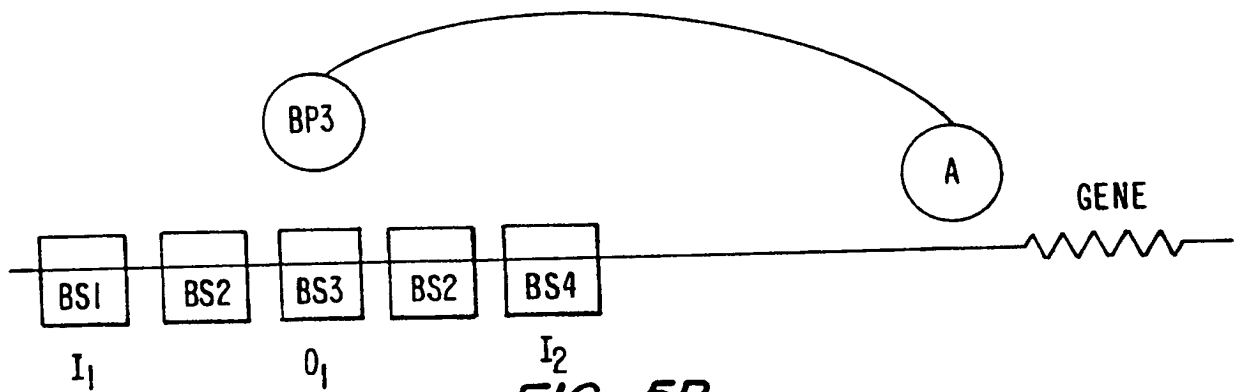


FIG. 5B.

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O.G. FIG.	CLASS/SUBCLASS
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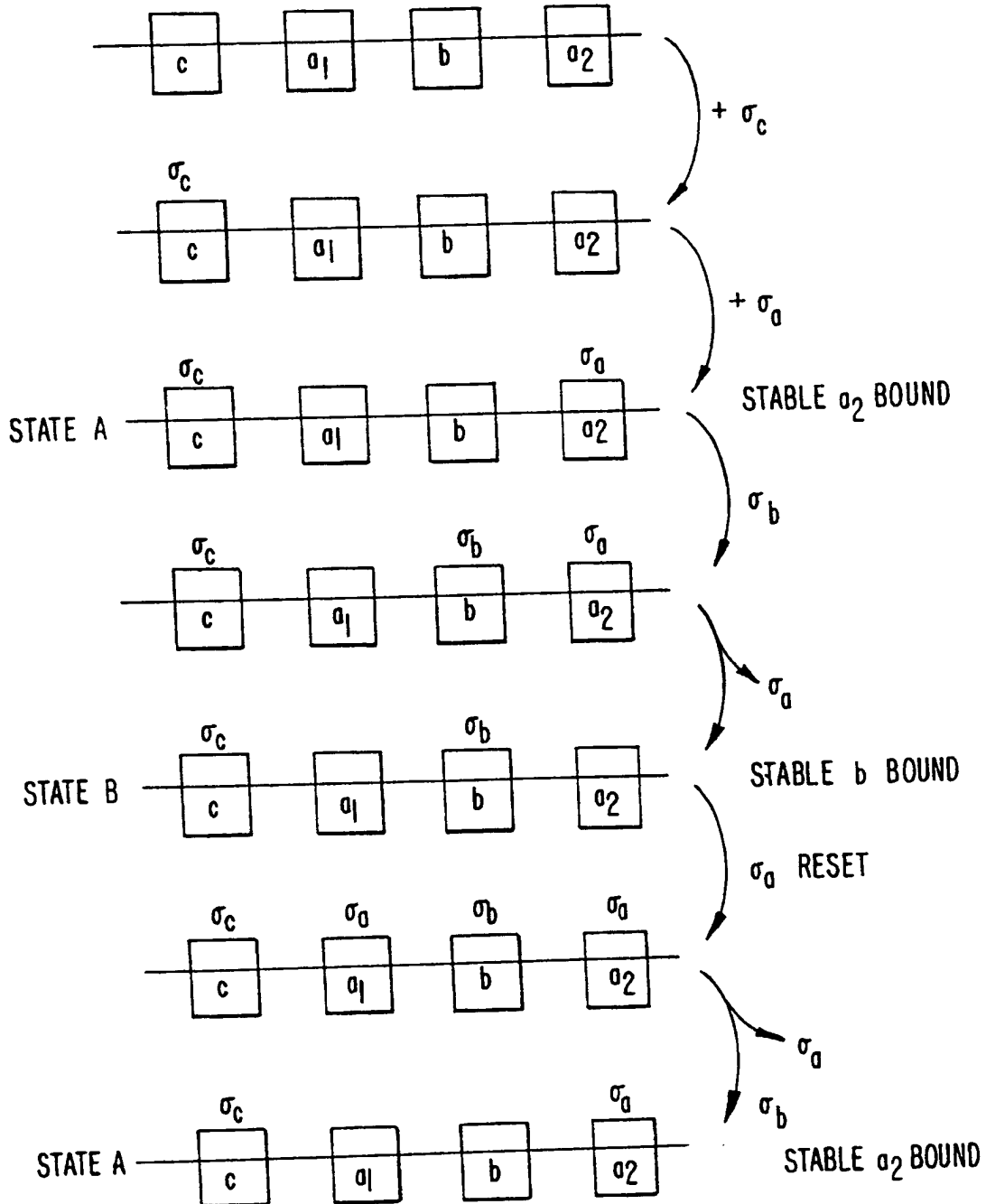


FIG. 6.

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APPROVED	O.G. F.R.
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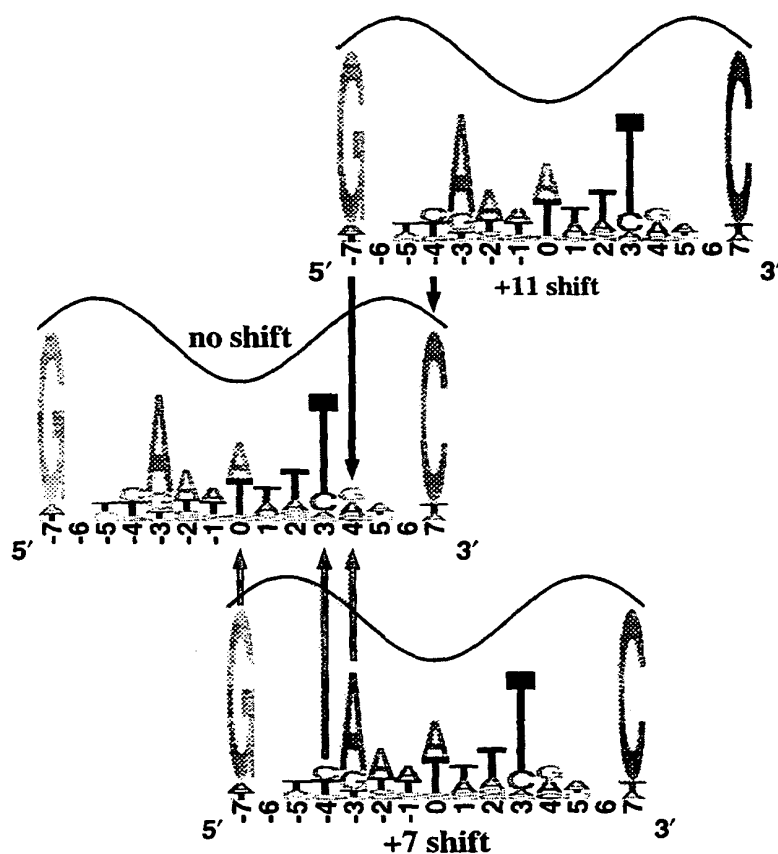


FIG. 7.

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APPROVED BY DRAFTSMAN	O.G. FIG.	
	CLASS	SUBCLASS

DISCUSSION

a) Overlap 11

* *10 * *20 * *30 * *40
5' t a t t c t t g c t c a a a a t t t g a t c a a a t t t t q a y c a a a g a a t a 3'
ttg t d a a t t g a C a a P l s 18.1 b i t s

ttg tdaattga Caa_m Fis 18.1 bits

b) Overlap 7

* *10 * *20 * *30 *

5' aggccttctgctcaaatctttaaaccttttagcacaaggccct3'

cttg tdaa tttaa C tFls 12.7 bits

g_ttdaa[ettga Caa_Fis 12.7 bits

c) 8 parat d 23

5' g g a a t t c t t t g c t c a a a a t t t g a t t c a g g a t c c t g a t c a a a a t t t g a g c a a a y a a t t c c g 3'
 [-----] EcoRI * *20 *30 *40 *50
 [-----] BamHI
 attg t c d a a d t t t g a C₂₆ fig 15.0 bits

9 tdaattsa Caa. viB 15.0 bits

FIG. 8.

APPROVED	O.G. FIG.
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DDST2T" T95T0960

WO 99/42929

09/601561
PCT/US99/03469

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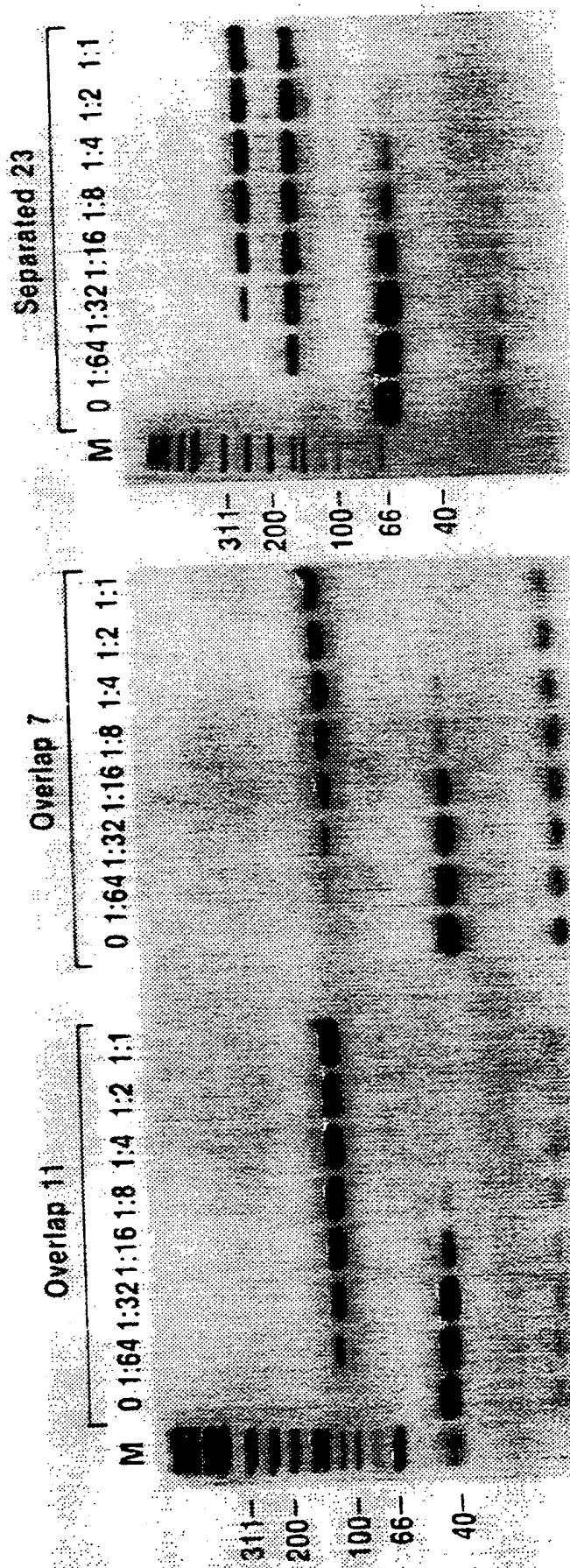


FIG. 9.

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APPROVED	O.G. FIG.
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DRAFT "TEST" 0360

* 190 * 200 * 210 * 220 * 230
 5' g t t a t a c a c a a c t c a a a a a c t g a a c a a c t g t t c t t g t t g a t a a c 3'
 3' c a a t a t g t g t t g a g t t t t t g a c t t g t t g t c a a c a a y a a a c c t a t t g 5'
 ----- DNase I footprint (Messer et al., 1991)
 ----- DNase I footprint (Gille et al., 1991)
 ----- MPE footprint (Filutowicz et al., 1992)
 ----- DNase I footprint (Messer et al., 1992)
 ----- DNase I footprint (Roth et al., 1994)

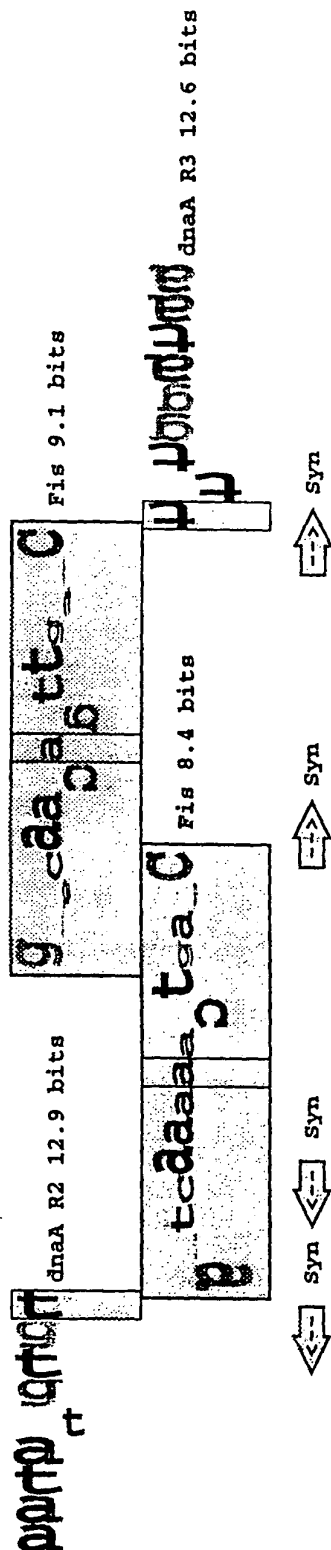


FIG. 10.

[illegible]

APPROVED	O.G. FIG.
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* 1998/02/04 14:34:15, 1998/02/04 14:34:15, aaol02 of oriC F1s
piece 1, p1, piece 1, config: linear, direction: +, begin: 1, end: 113

[illegible]

```

tcdaaaa tga Caa Fis 8.4 bits
[ ^-----] xhoI

```

atg cda attg C atg 10.0 bits

```

      *    *    *    *    *    *    *    *    *    *
5' atcggcgaaaccgatacgcctcgaggaattcggacacaaactgttcaggttt3'
... (-(-(-(---|---)-)-)-)-(-)-(-)-(-)-(-)-(-)-(-)-) - ... odd58
      -----] PvuI          [^-----] EcoRI
      -----] PvuI          -----]

```

[A-----]	XhoI		Cat	Fis	10.0 bits
----------	------	--	-----	-----	-----------

hairpin-loop

```
* *110
5' t g a g t g g a t c c c g 3'
... )-)-)-)-)-)-)-)-)-)-) odd58 80.5 bits
      [^-----] BamHI
```

... Fig 8.4 bits

FIG. 11.